

TOWNSEND and TOWNSEND and CREW LLP

By: /Aaron Hokamura/

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

LI et al.

Application No.: 10/626,512

Filed: July 23, 2003

For: NOVEL SIRNA GENE LIBRARIES  
AND METHODS FOR THEIR  
PRODUCTION AND USE

Confirmation No.: 1972

Examiner: Dana H. Shin

Art Unit: 1645

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of references AB - AK are being filed concurrently herewith. A copy of U.S. Patent Application Publication AA, is not being submitted, in compliance with the provisions of 37 CFR §1.98(a)(2). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

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Substitute for form 1448A/B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	
		10626,512	
		Filing Date	
		July 23, 2003	
		First Named Inventor	
Li, Henry		Art Unit	
1645		Examiner Name	
Dana H. Shin		Attorney Docket Number	
016556-003110US			
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	2002/0102223 A1	12-05-2002	LaCount et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
		Country Code <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>2</sup> (if known)				
	AB	GB	2 383 330	A	06-25-2003	Cancer Research Ventures Limited		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-serial number(s), publisher, city and/or country where published.			T <sup>2</sup>
	AC	ELBASHIR, Sayda M. et al.; "Analysis of gene function in somatic mammalian cells using small interfering RNAs"; <u>Methods</u> 26:199-213 (2002)			<input type="checkbox"/>
	AD	GOOD, P.D. et al.; "Expression of small, therapeutic RNAs in human cell nuclei"; <u>Gene Therapy</u> 4:45-54 (1997)			<input type="checkbox"/>
	AE	KAWASAKI, Hiroaki and Kazunari Taira; "Identification of genes by hybrid ribozymes that couple cleavage activity with the unwinding activity of an endogenous RNA helicase"; <u>EMBO Reports</u> 3(5):443-450 (2002)			<input type="checkbox"/>
	AF	KAWASAKI, Hiroaki et al.; "A functional gene discovery in cell differentiation by hybrid ribozyme and siRNA libraries"; <u>Nucleic Acids Research Supplement</u> (2):275-276 (2002)			<input type="checkbox"/>
	AG	KAWASAKI, Hiroaki et al.; "Identification of genes that function in the TNF- $\alpha$ -mediated apoptotic pathway using randomized hybrid ribozyme libraries"; <u>Nature Biotechnology</u> 20:376-380 (April 2002)			<input type="checkbox"/>
	AH	KRUGER, Martin et al.; "Identification of eIF2 $\beta$ and eIF2 $\gamma$ as cofactors of hepatitis C virus internal ribosome entry site-mediated translation using a functional genomics approach"; <u>PNAS</u> 97(15):8566-8571 (July 18, 2000)			<input type="checkbox"/>
	AI	MIYAGISHI, Makoto and Kazunari Taira; "U6 promoter-driven siRNAs with four uridine 3' overhangs efficiently suppress targeted gene expression in mammalian cells" <u>Nature Biotechnology</u> 19:497-			<input type="checkbox"/>

Examiner Signature	Date Considered
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\* EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1448A&B/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10626,512		
		Filing Date	July 23, 2003		
		First Named Inventor	Li, Henry		
		Art Unit	1645		
		Examiner Name	Dana H. Shin		
Sheet	2	of	2	Attorney Docket Number	016556-003110US

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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AJ	OHKAWA, Jun and Kazunari Taira; "Control of the functional activity of an antisense RNA by a tetracycline-responsive derivative of the human U6 snRNA promoter" <u>Human Gene Therapy</u> 11:577-585 (March 1, 2000)	<input type="checkbox"/>
	AK	TUSCHL, Thomas; "Expanding small RNA interference: Several reports describe vector systems capable of producing small interfering RNAs for downregulating gene expression in mammalian cells"; <u>Nature Biotechnology</u> 20:446-448 (May 2002)	<input type="checkbox"/>

Examiner Signature	Date Considered
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